

FIGURE 1

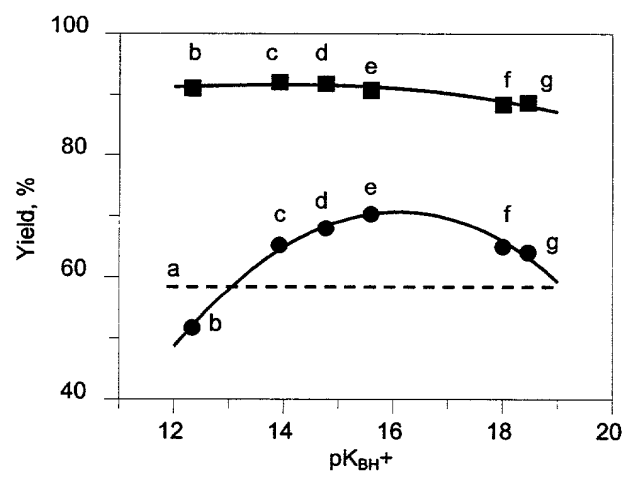


FIGURE 2

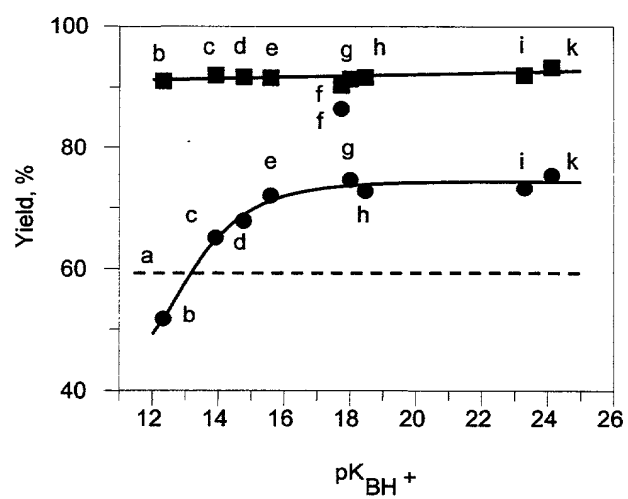


FIGURE 3

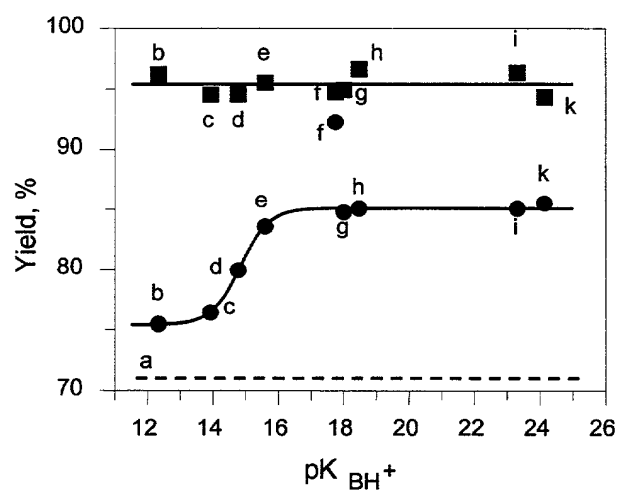


Figure 4. ^{31}P NMR Spectrum of **3a** in gel phase (CD_3CN as a liquid phase).

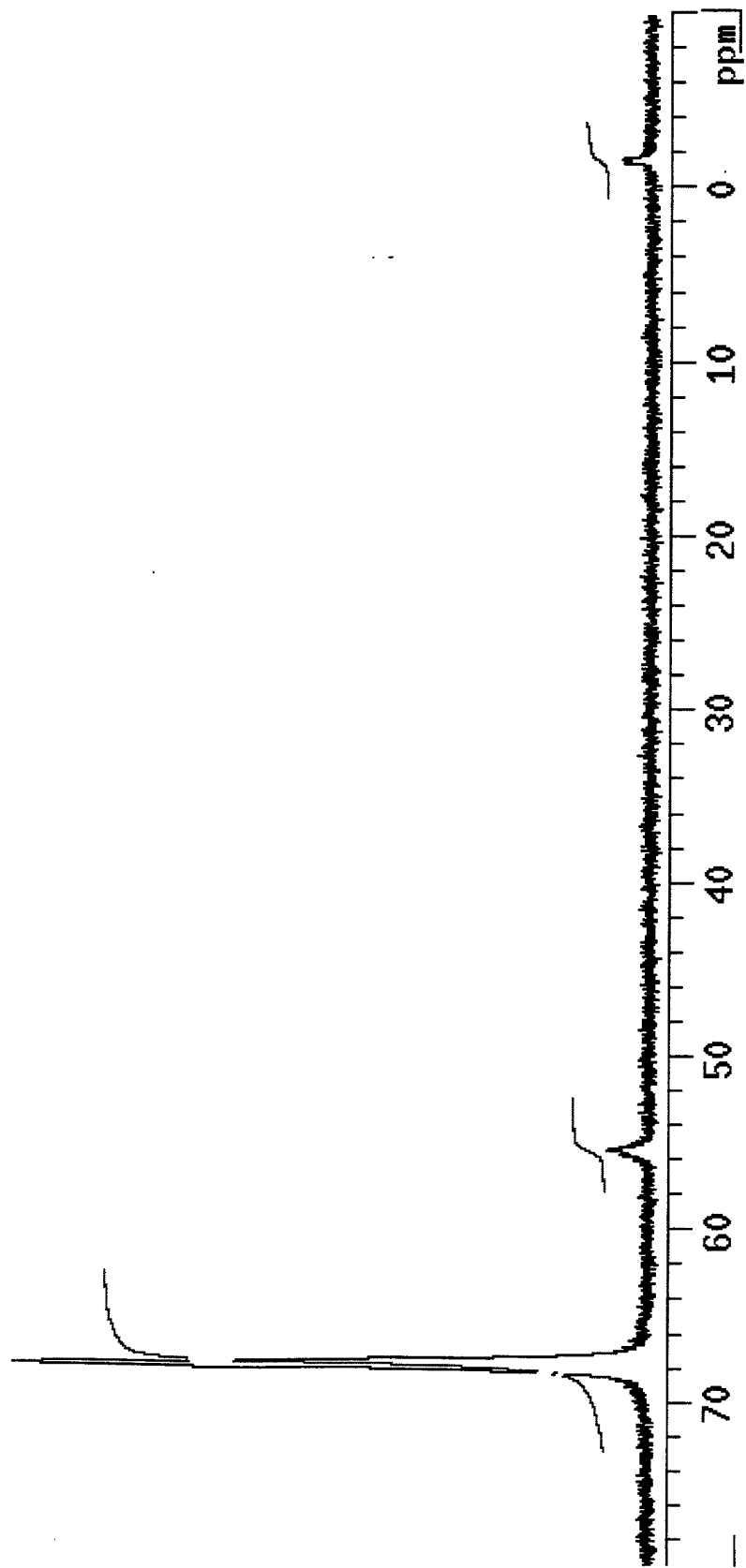


Figure 5. ^{31}P NMR Spectrum of **4a** in Gel Phase (1M Piperidine in CD_3CN as a liquid phase).

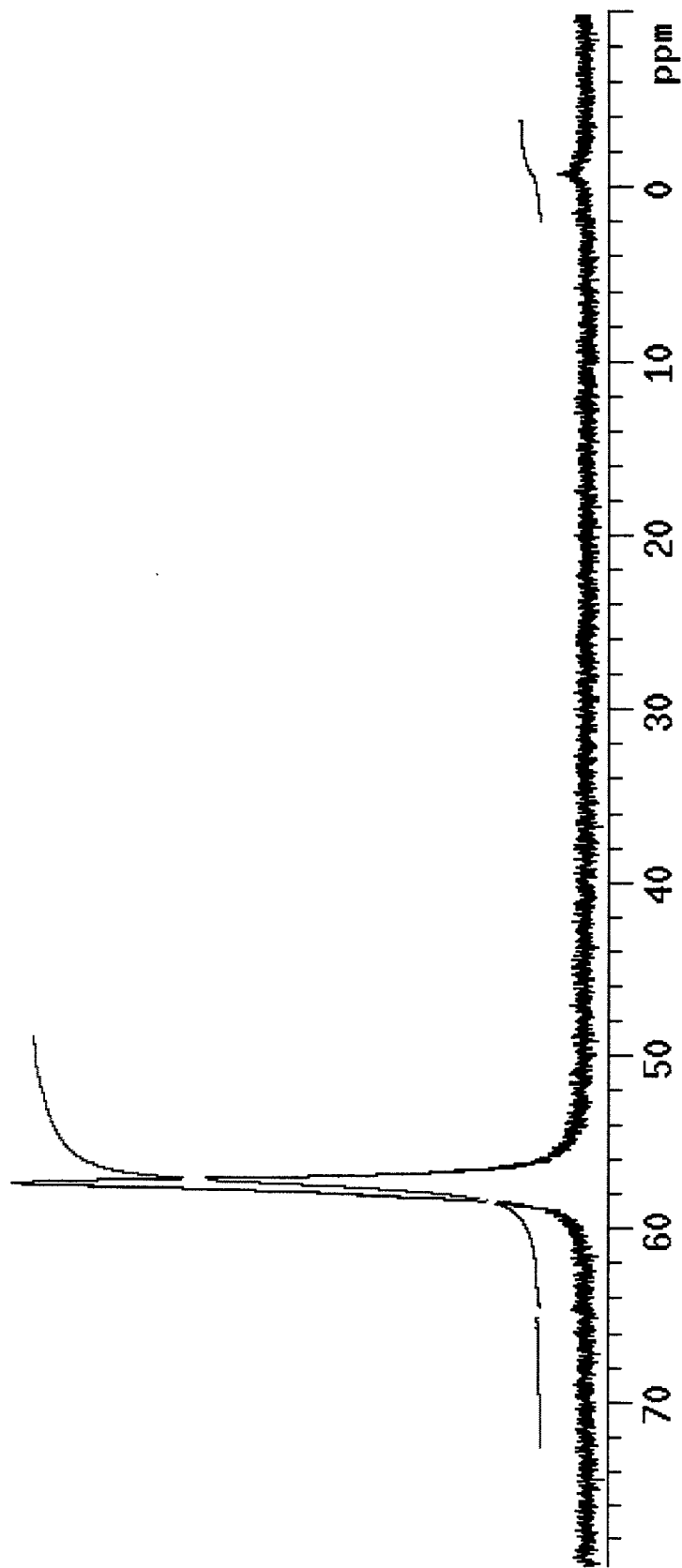


Figure 6. ^{31}P NMR Spectrum of **6a** in Gel Phase (5% Pyridine in CD_3CN as a liquid phase).

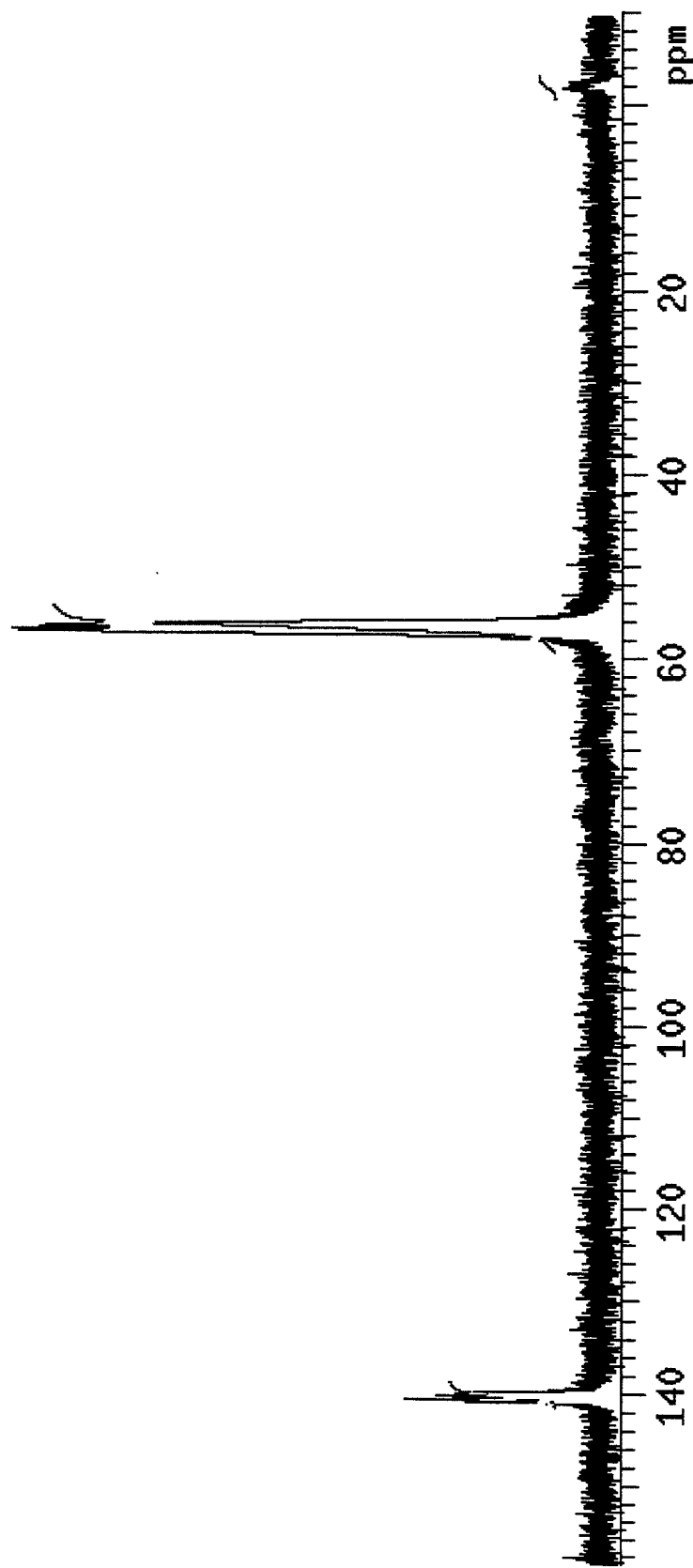


Figure 7. ^{31}P NMR Spectrum of **7a** in Gel Phase (5% Pyridine in CD_3CN as a liquid phase).

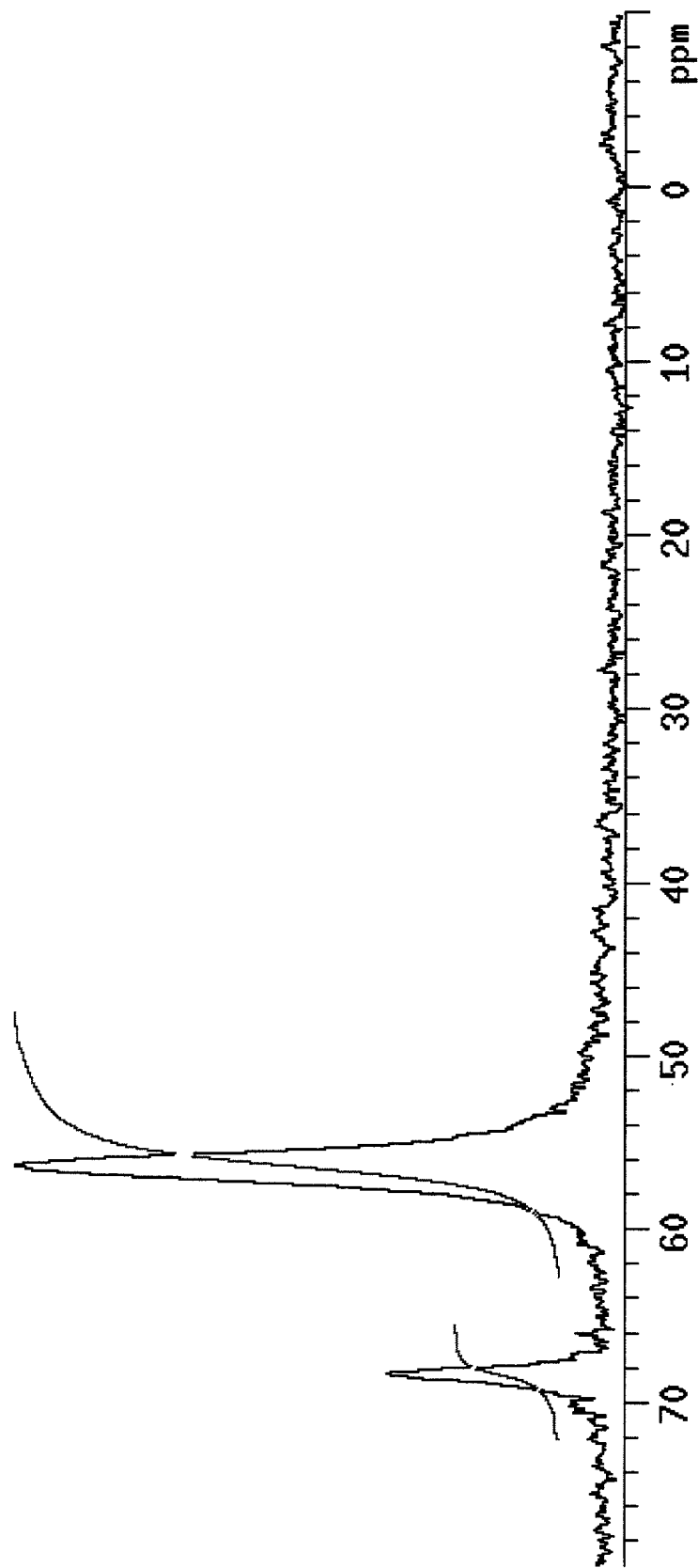


Figure 8. ^{31}P NMR Spectrum of **8a** in Gel Phase (5% Pyridine in CD_3CN as a liquid phase).

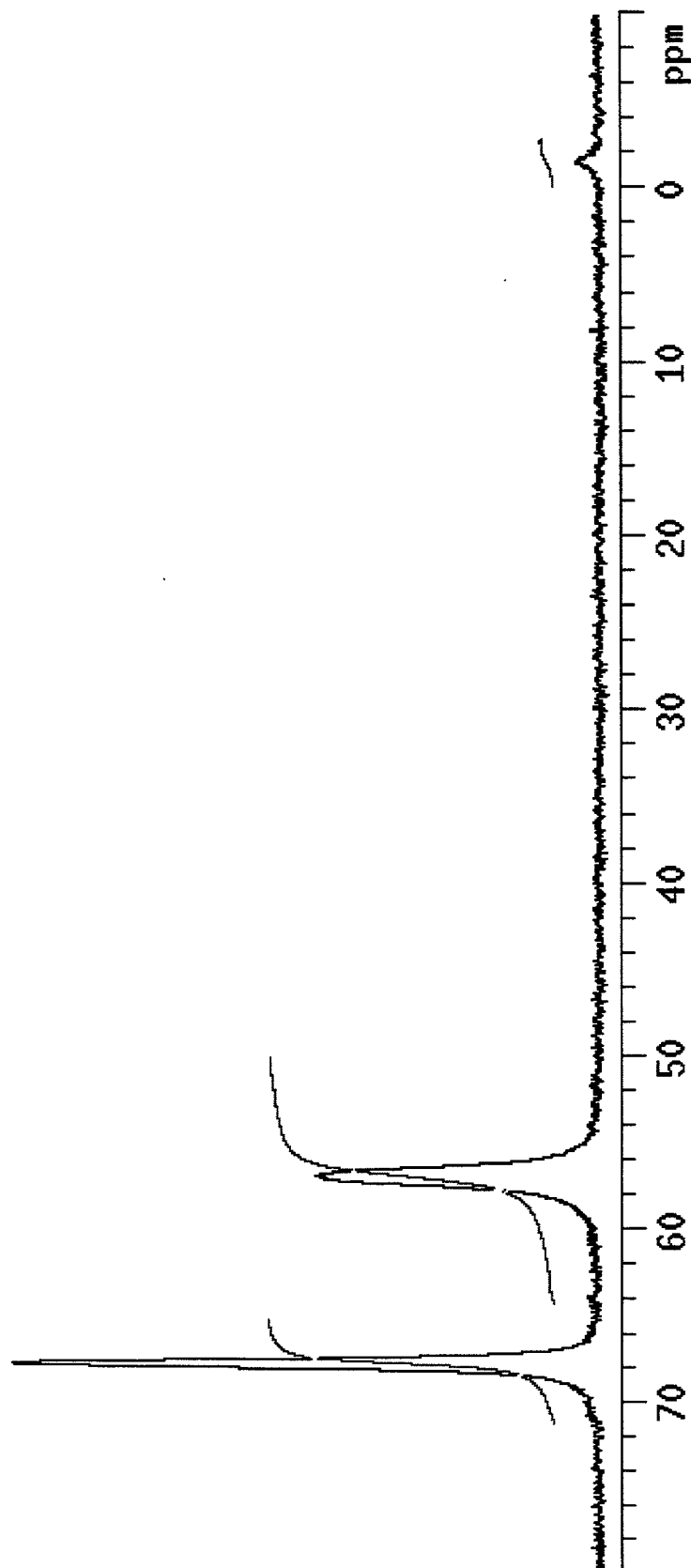


Figure 9. Reverse Phase HPLC Profile for Oligonucleotide **9a** Obtained Using the Standard Cycle (Crude Deprotection Mixture).

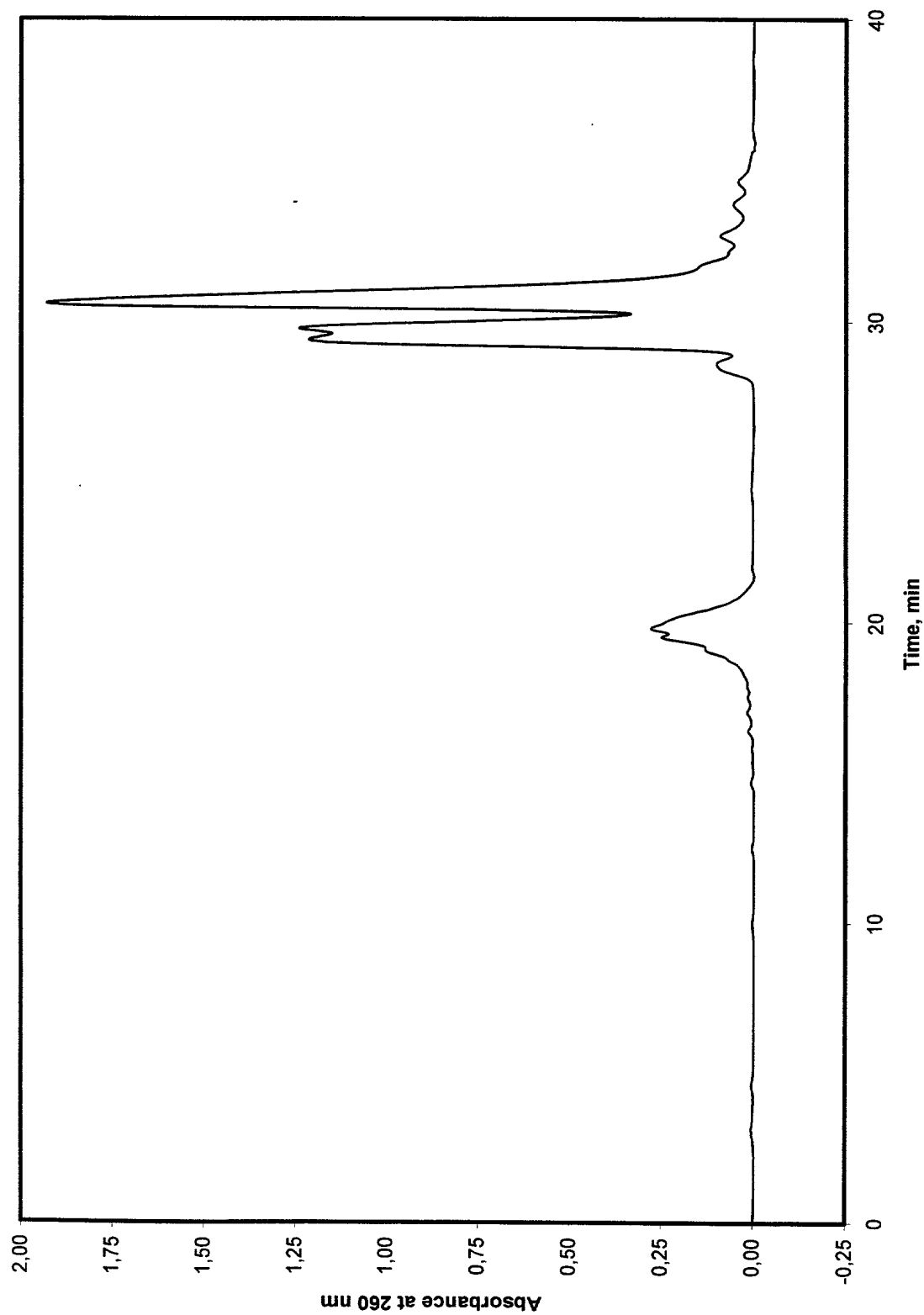


Figure 10. ^{31}P NMR Spectrum of **4b** in Gel Phase (1M Piperidine in CD_3CN as a liquid phase).

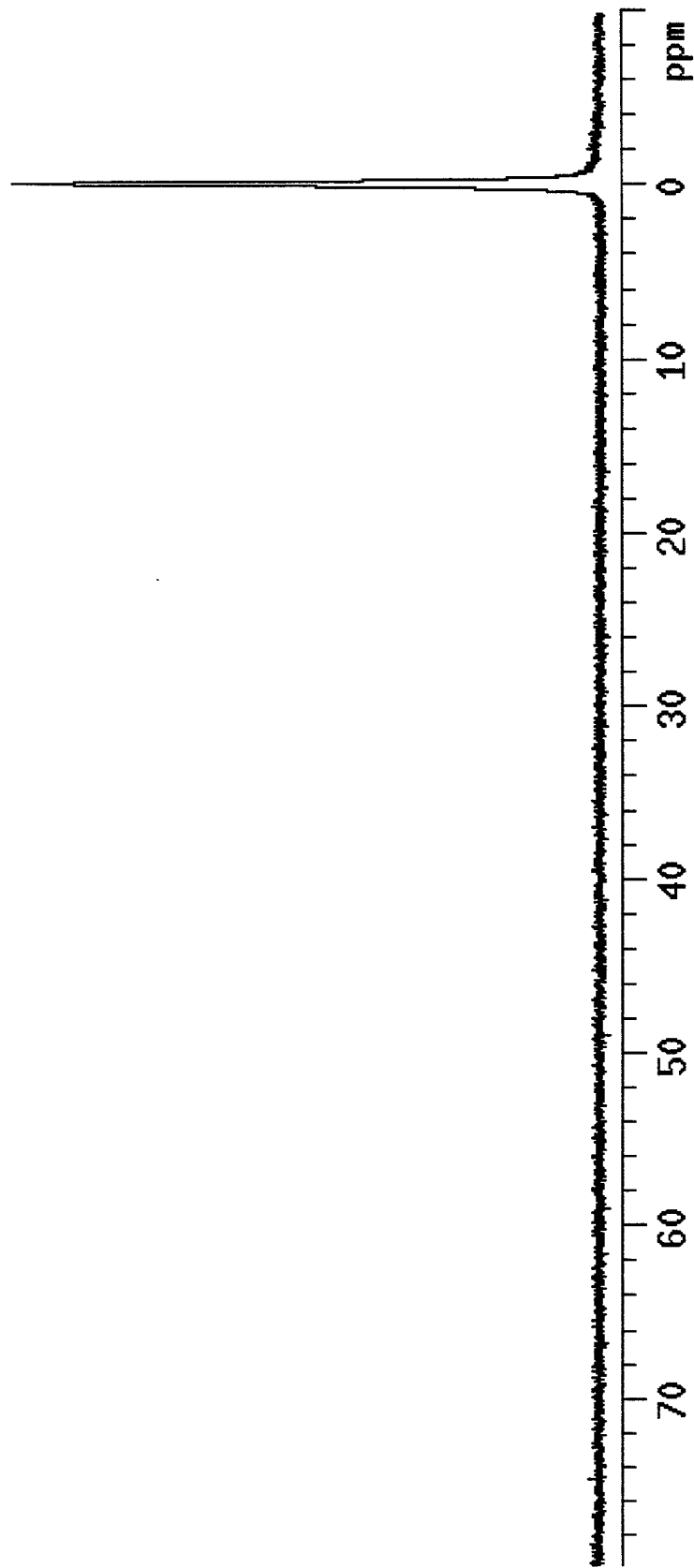


Figure 11. ^{31}P NMR Spectrum of **8b** in Gel Phase (5% Pyridine in CD_3CN as a liquid phase).

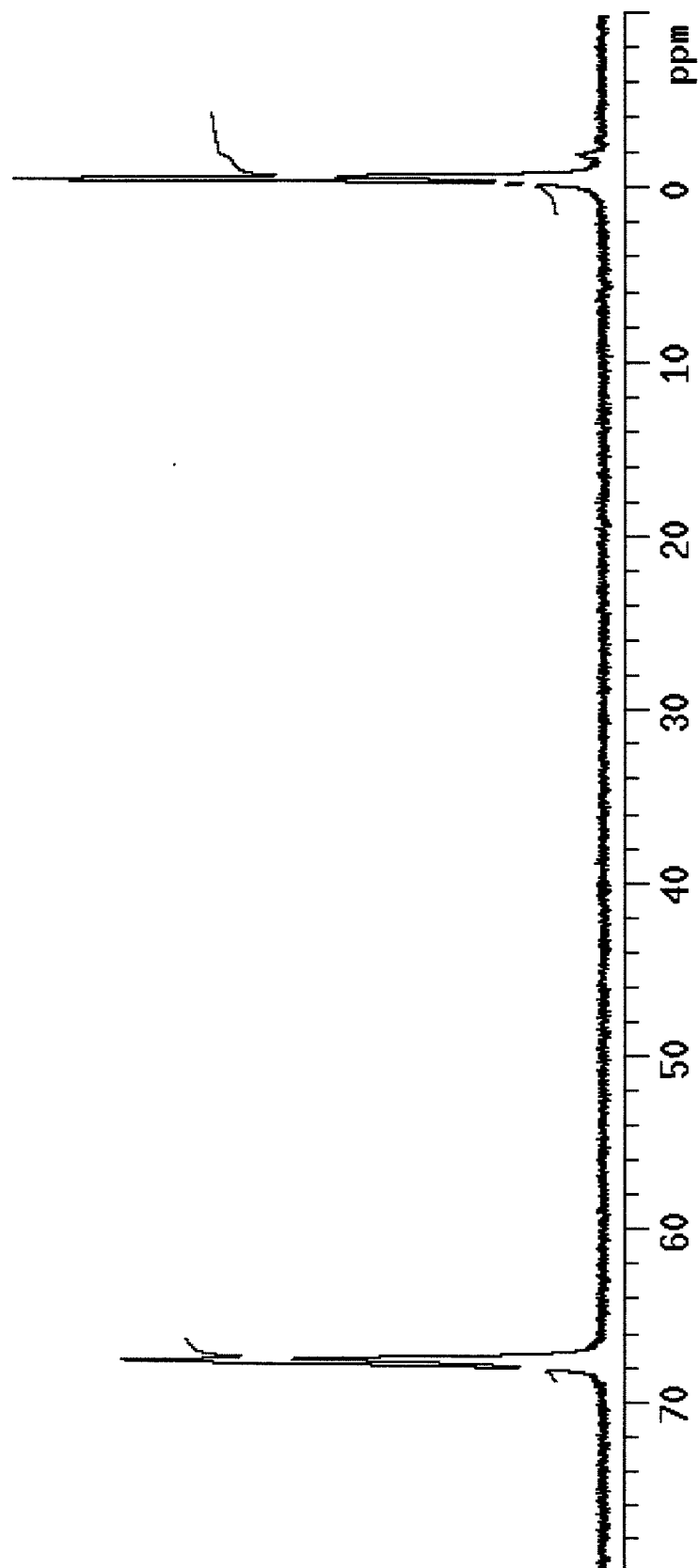


Figure 12. Reverse Phase HPLC Profile for Oligonucleotide **9b** Obtained Using the Standard Cycle (Crude Deprotection Mixture).

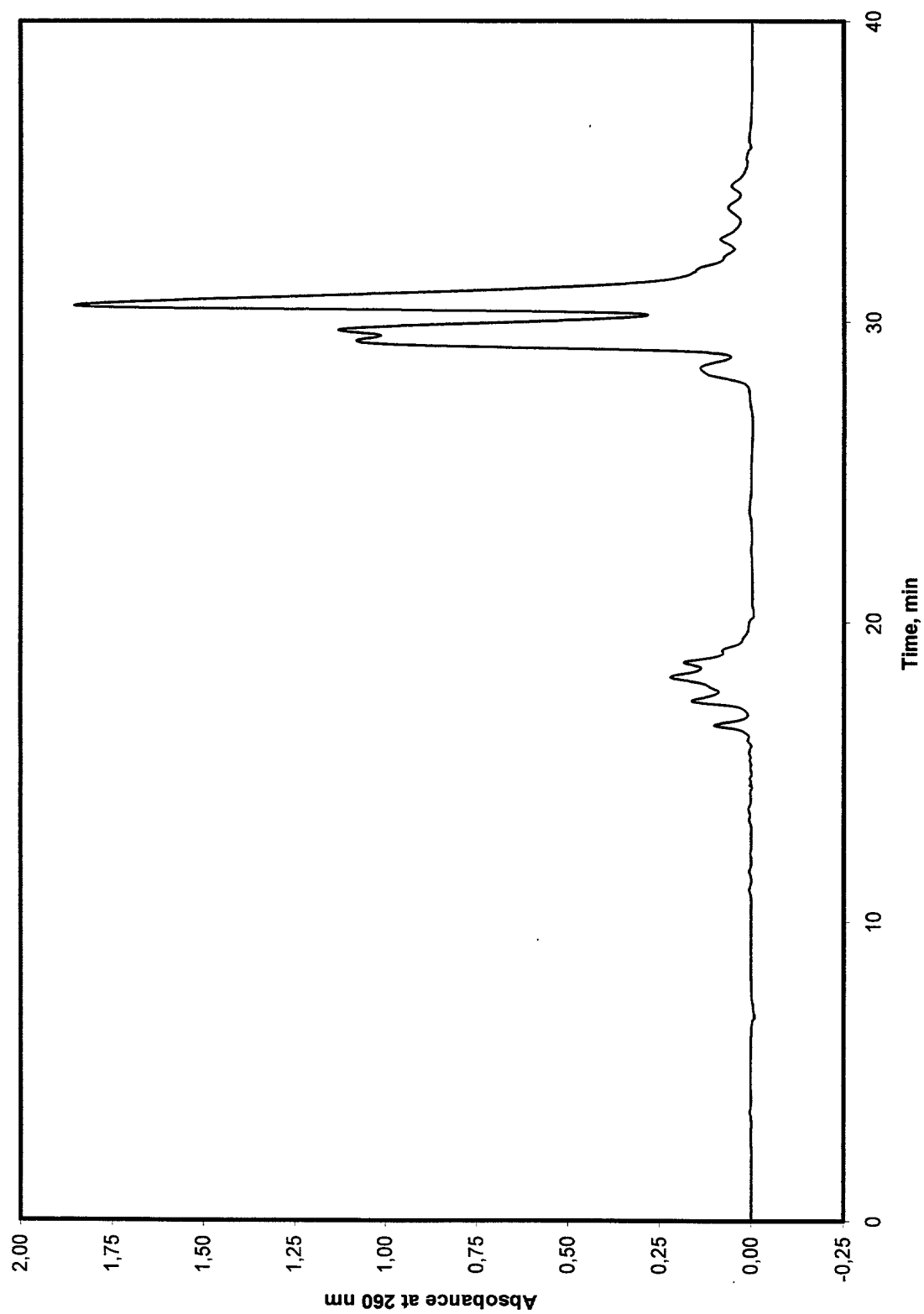


Figure 13. Reverse Phase HPLC Profile for Oligonucleotide **16a** Obtained Using the Standard Cycle (Crude Deprotection Mixture).

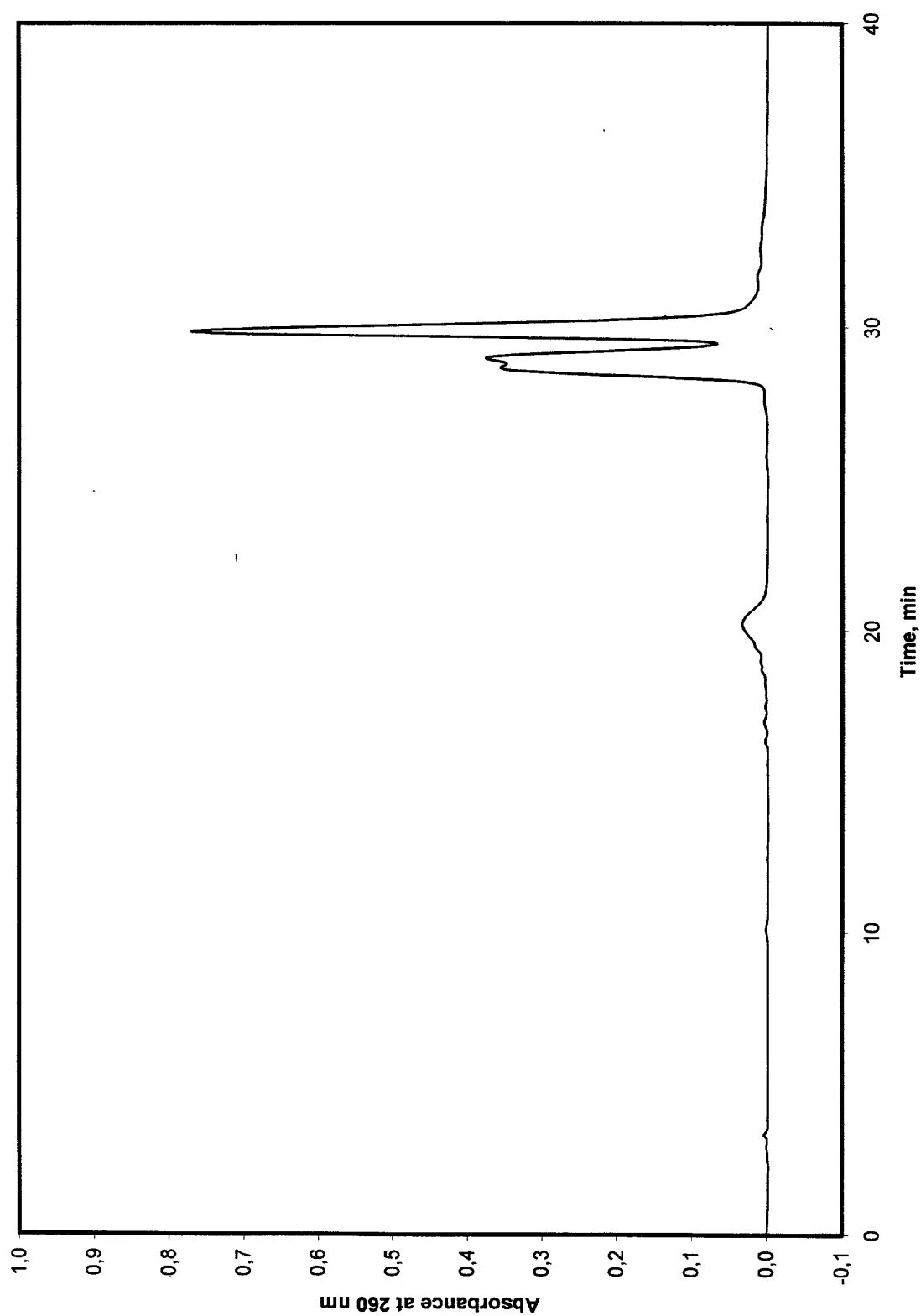
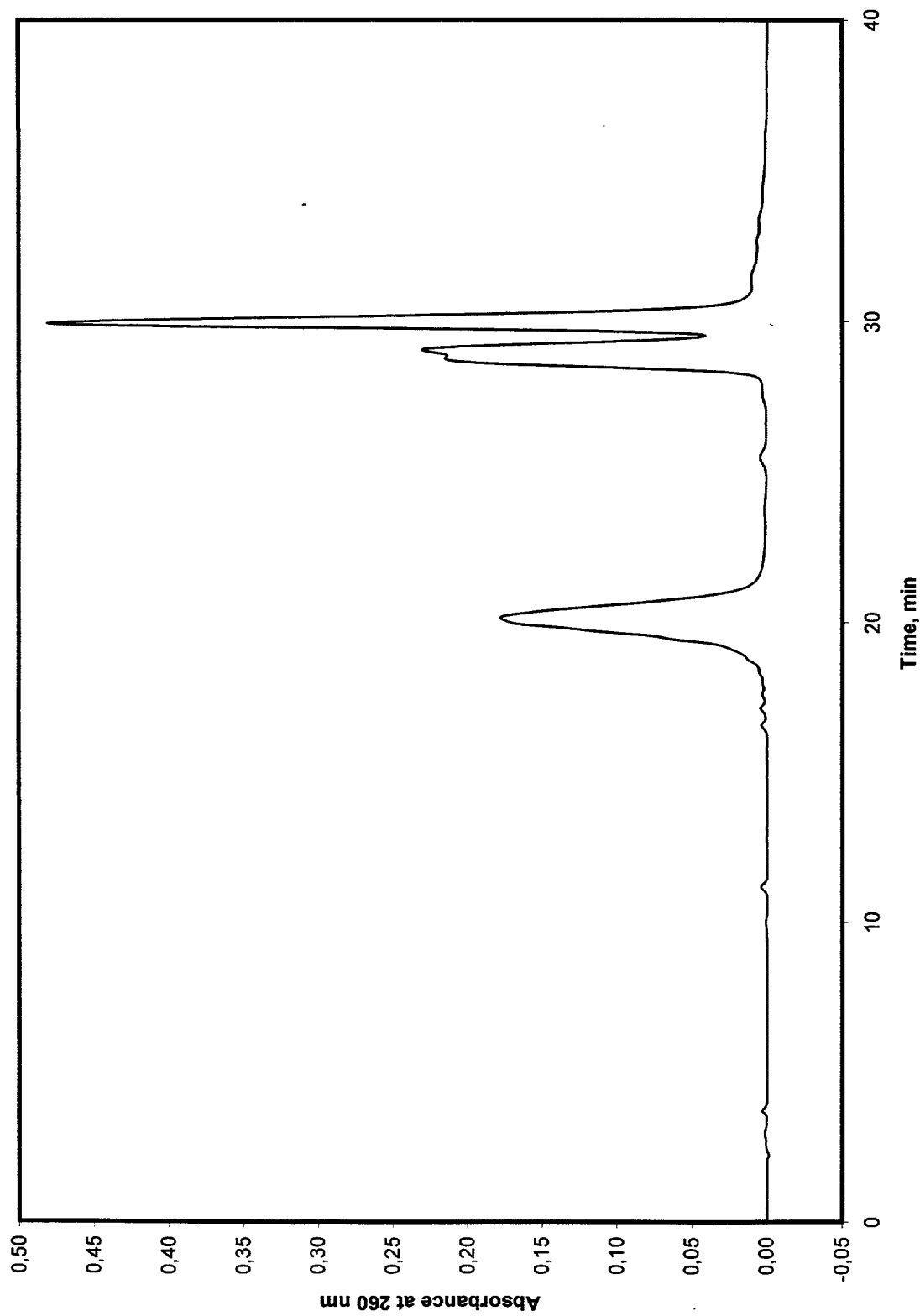


Figure 14. Reverse Phase HPLC Profile for Oligonucleotide **18a** Obtained Using the Standard Cycle (Crude Deprotection Mixture).



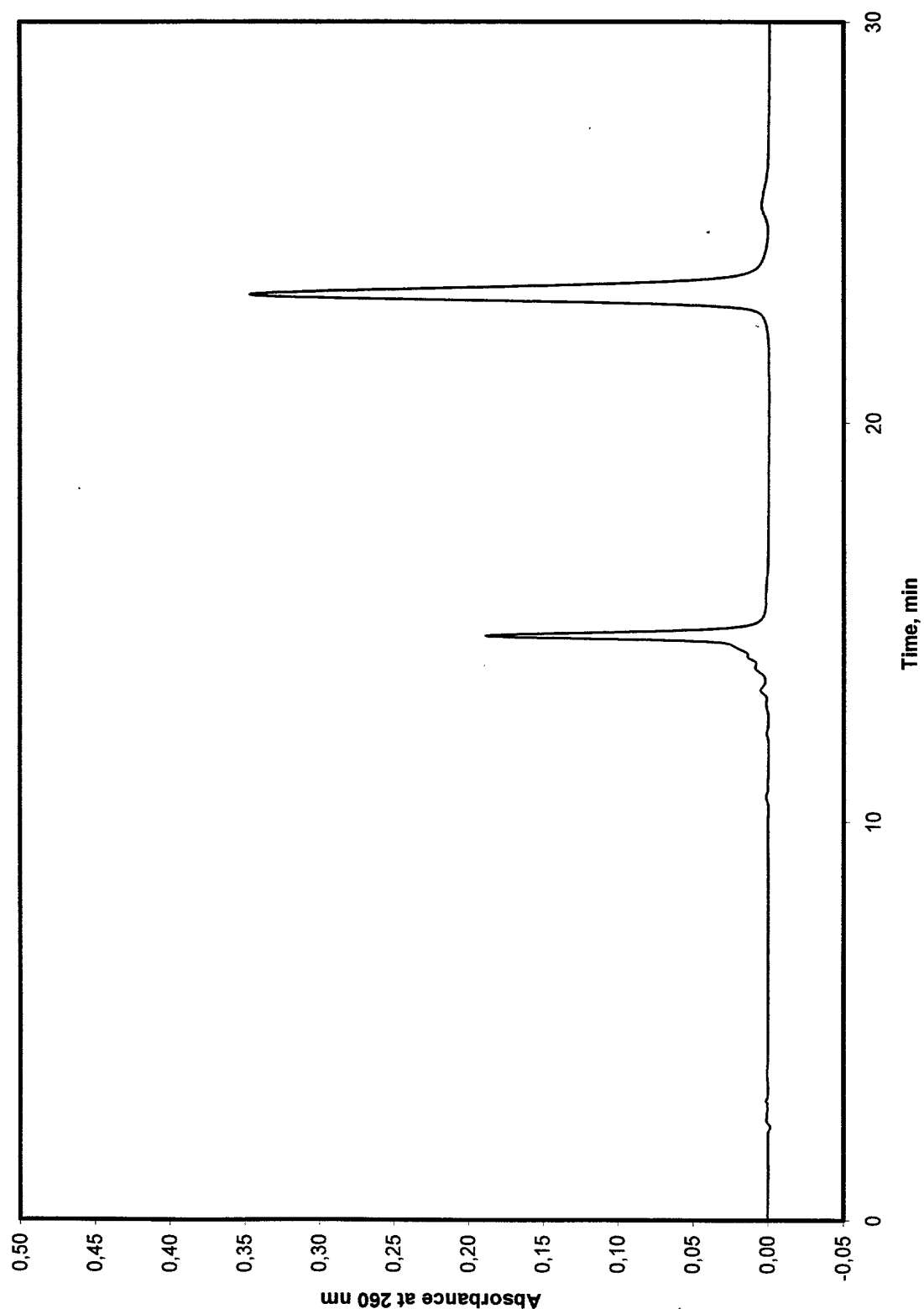


Figure 17. Reverse Phase HPLC Profile for Oligonucleotide **16a** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

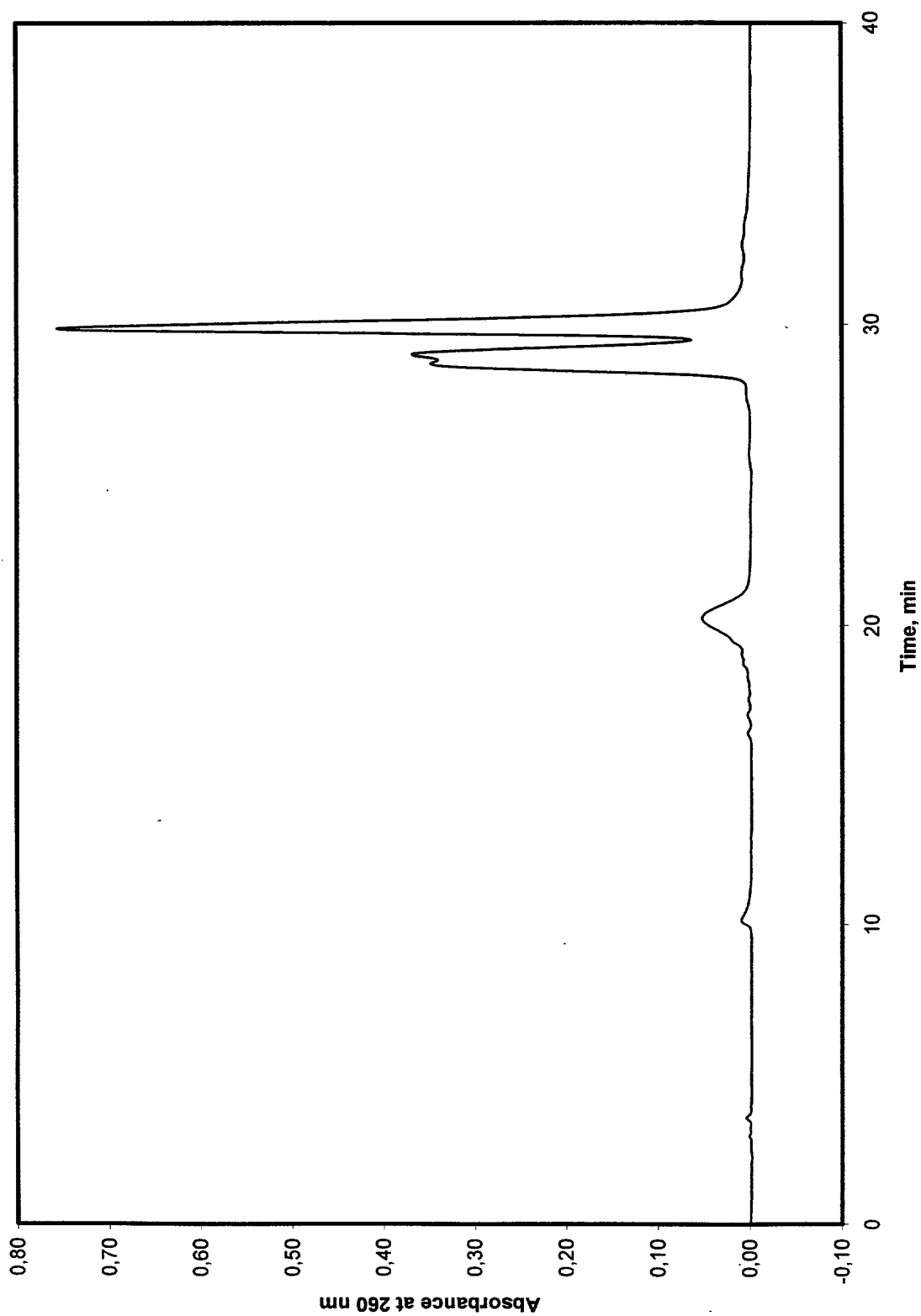


Figure 18. Reverse Phase HPLC Profile for Oligonucleotide **18a** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

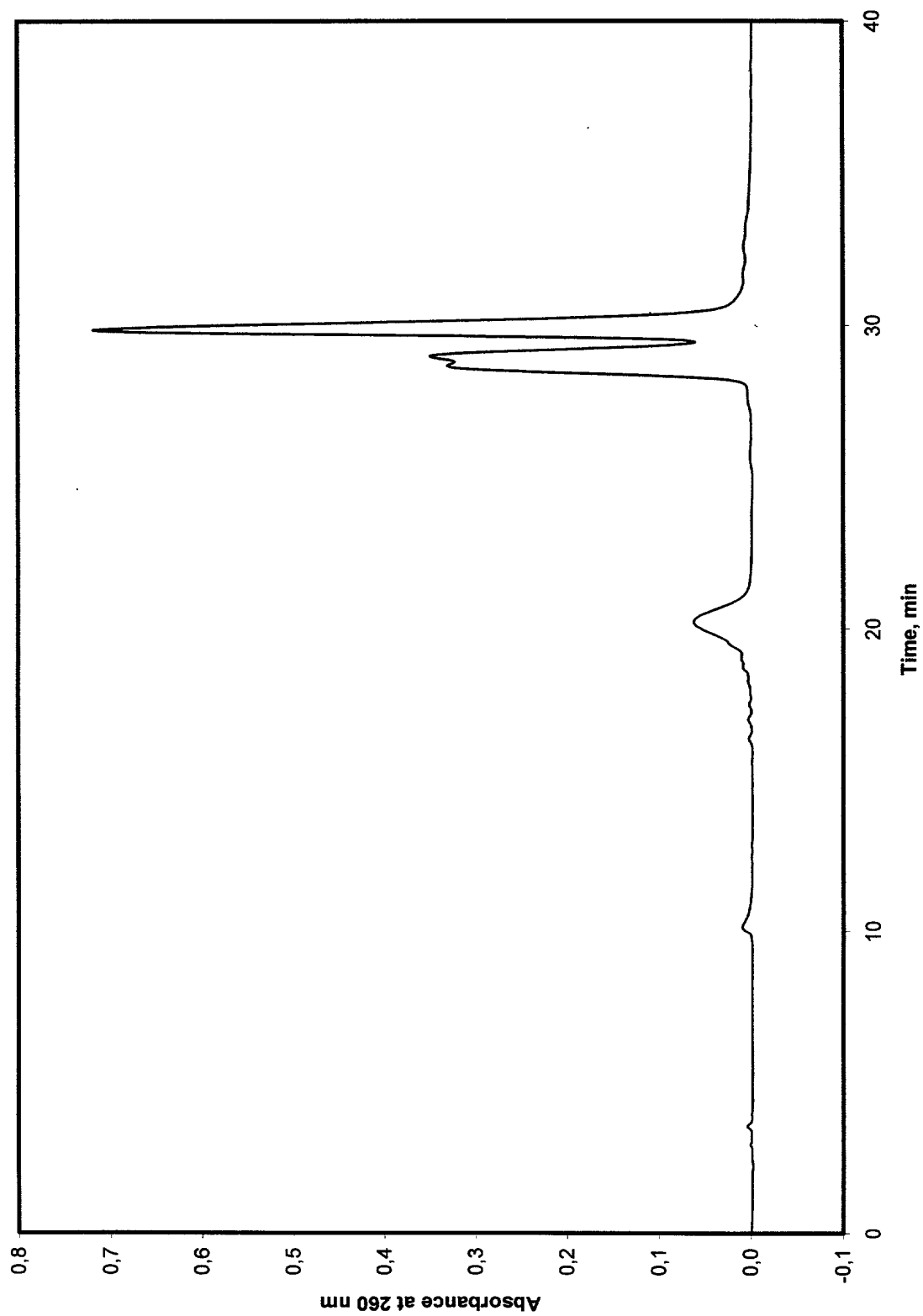


Figure 19. Reverse Phase HPLC Profile for Oligonucleotide **16b** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

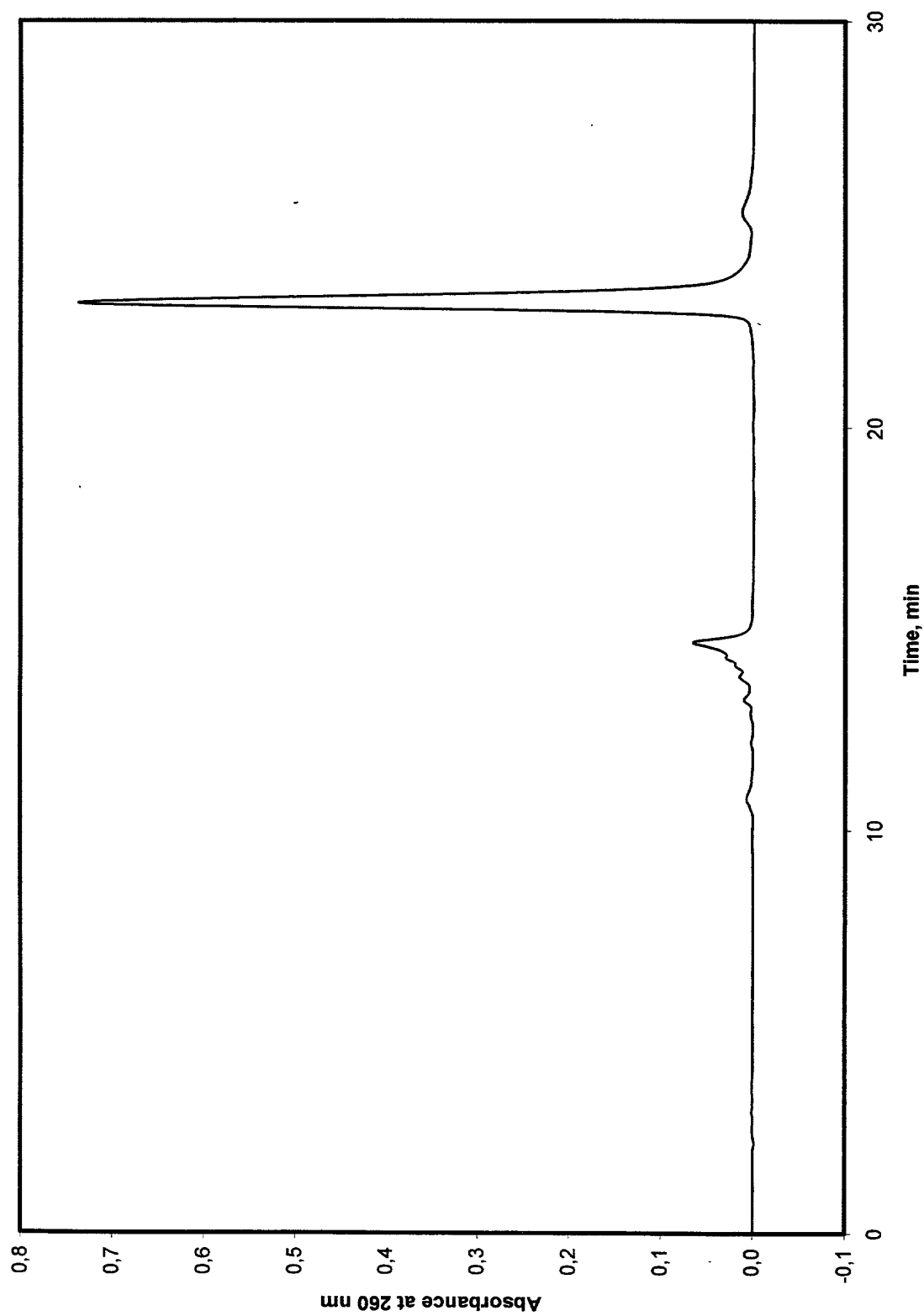


Figure 20. Reverse Phase HPLC Profile for Oligonucleotide **18b** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

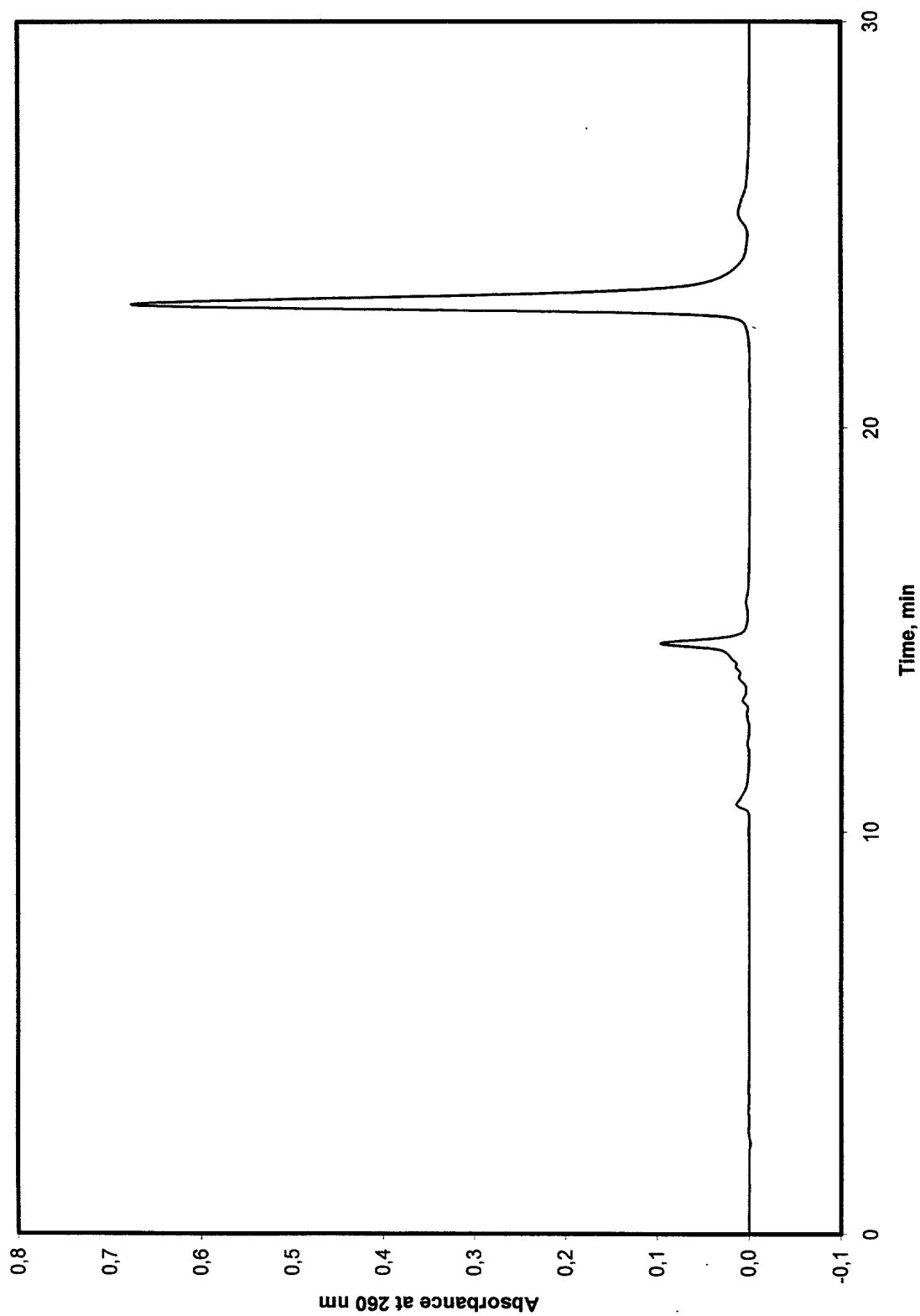


Figure 21. Reverse Phase HPLC Profile for Oligonucleotide **32a** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

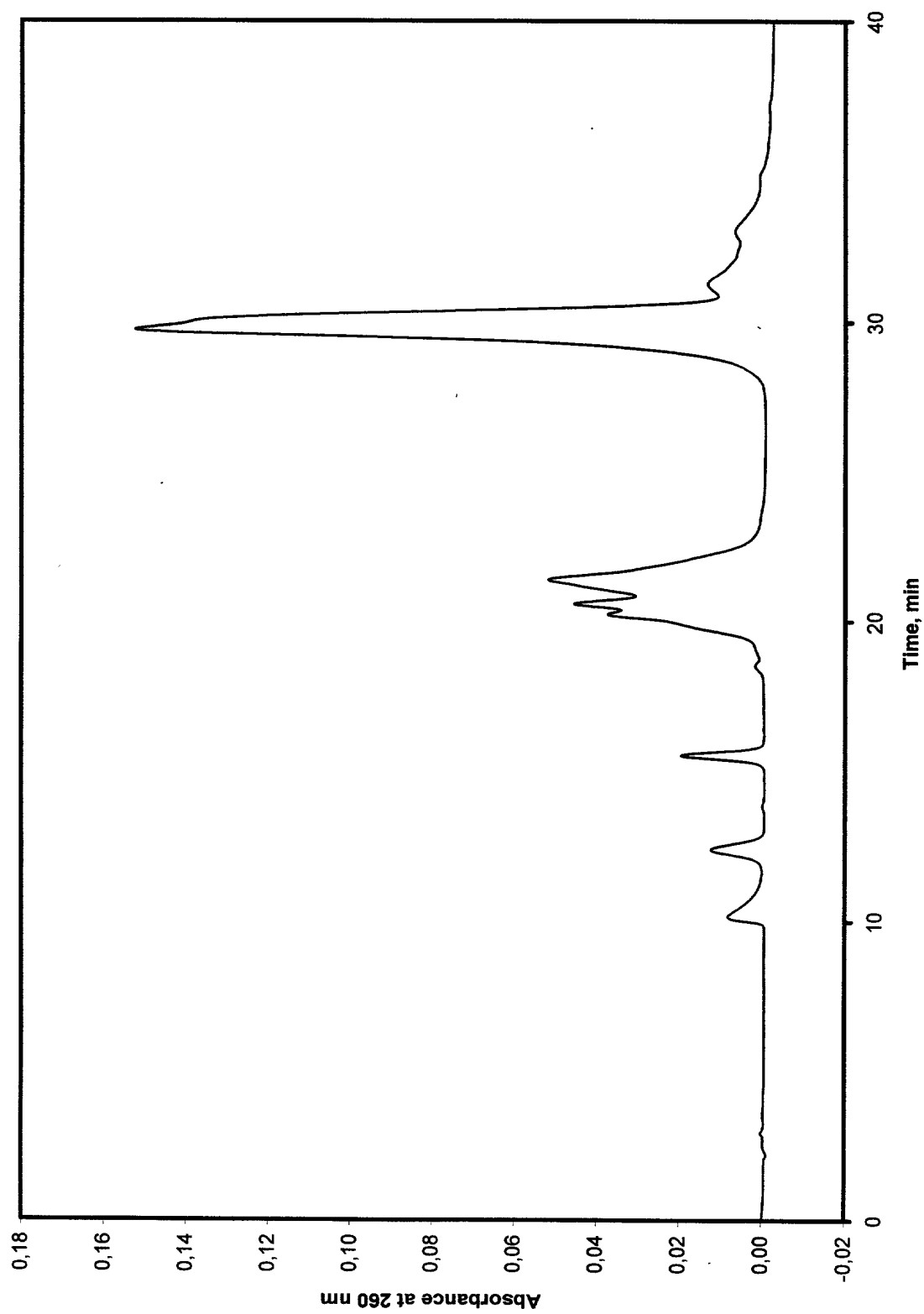


Figure 22. Reverse Phase HPLC Profile for Oligonucleotide **32b** Obtained Using the Optimized Cycle (Crude Deprotection Mixture).

